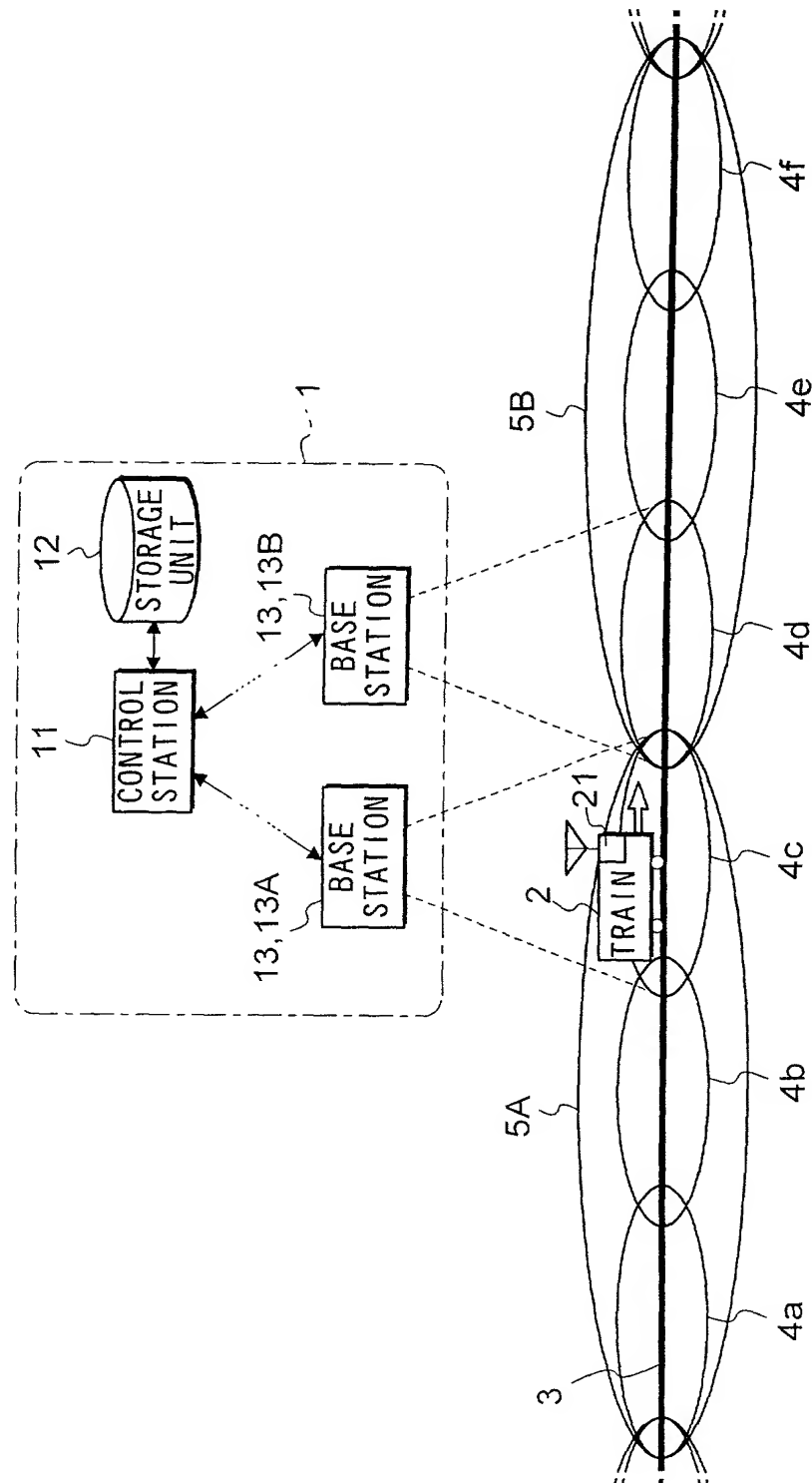


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FIG. 1



48730 48731 48732 48733 48734 48735 48736 48737 48738 48739 48740 48741 48742 48743 48744 48745 48746 48747 48748 48749 48750 48751 48752 48753 48754 48755 48756 48757 48758 48759 48760 48761 48762 48763 48764 48765 48766 48767 48768 48769 48770 48771 48772 48773 48774 48775 48776 48777 48778 48779 48780 48781 48782 48783 48784 48785 48786 48787 48788 48789 48790 48791 48792 48793 48794 48795 48796 48797 48798 48799 48800 48801 48802 48803 48804 48805 48806 48807 48808 48809 48810 48811 48812 48813 48814 48815 48816 48817 48818 48819 48820 48821 48822 48823 48824 48825 48826 48827 48828 48829 48830 48831 48832 48833 48834 48835 48836 48837 48838 48839 48840 48841 48842 48843 48844 48845 48846 48847 48848 48849 48850 48851 48852 48853 48854 48855 48856 48857 48858 48859 48860 48861 48862 48863 48864 48865 48866 48867 48868 48869 48870 48871 48872 48873 48874 48875 48876 48877 48878 48879 48880 48881 48882 48883 48884 48885 48886 48887 48888 48889 48890 48891 48892 48893 48894 48895 48896 48897 48898 48899 48900 48901 48902 48903 48904 48905 48906 48907 48908 48909 48910 48911 48912 48913 48914 48915 48916 48917 48918 48919 48920 48921 48922 48923 48924 48925 48926 48927 48928 48929 48930 48931 48932 48933 48934 48935 48936 48937 48938 48939 48940 48941 48942 48943 48944 48945 48946 48947 48948 48949 48950 48951 48952 48953 48954 48955 48956 48957 48958 48959 48960 48961 48962 48963 48964 48965 48966 48967 48968 48969 48970 48971 48972 48973 48974 48975 48976 48977 48978 48979 48980 48981 48982 48983 48984 48985 48986 48987 48988 48989 48990 48991 48992 48993 48994 48995 48996 48997 48998 48999 49000 49001 49002 49003 49004 49005 49006 49007 49008 49009 49010 49011 49012 49013 49014 49015 49016 49017 49018 49019 49020 49021 49022 49023 49024 49025 49026 49027 49028 49029 49030 49031 49032 49033 49034 49035 49036 49037 49038 49039 49040 49041 49042 49043 49044 49045 49046 49047 49048 49049 49050 49051 49052 49053 49054 49055 49056 49057 49058 49059 49060 49061 49062 49063 49064 49065 49066 49067 49068 49069 49070 49071 49072 49073 49074 49075 49076 49077 49078 49079 49080 49081 49082 49083 49084 49085 49086 49087 49088 49089 49090 49091 49092 49093 49094 49095 49096 49097 49098 49099 49100 49101 49102 49103 49104 49105 49106 49107 49108 49109 49110 49111 49112 49113 49114 49115 49116 49117 49118 49119 49120 49121 49122 49123 49124 49125 49126 49127 49128 49129 49130 49131 49132 49133 49134 49135 49136 49137 49138 49139 49140 49141 49142 49143 49144 49145 49146 49147 49148 49149 49150 49151 49152 49153 49154 49155 49156 49157 49158 49159 49160 49161 49162 49163 49164 49165 49166 49167 49168 49169 49170 49171 49172 49173 49174 49175 49176 49177 49178 49179 49180 49181 49182 49183 49184 49185 49186 49187 49188 49189 49190 49191 49192 49193 49194 49195 49196 49197 49198 49199 49200 49201 49202 49203 49204 49205 49206 49207 49208 49209 49210 49211 49212 49213 49214 49215 49216 49217 49218 49219 49220 49221 49222 49223 49224 49225 49226 49227 49228 49229 49230 49231 49232 49233 49234 49235 49236 49237 49238 49239 49240 49241 49242 49243 49244 49245 49246 49247 49248 49249 49250 49251 49252 49253 49254 49255 49256 49257 49258 49259 49260 49261 49262 49263 49264 49265 49266 49267 49268 49269 49270 49271 49272 49273 49274 49275 49276 49277 49278 49279 49280 49281 49282 49283 49284 49285 49286 49287 49288 49289 49290 49291 49292 49293 49294 49295 49296 49297 49298 49299 49300 49301 49302 49303 49304 49305 49306 49307 49308 49309 49310 49311 49312 49313 49314 49315 49316 49317 49318 49319 49320 49321 49322 49323 49324 49325 49326 49327 49328 49329 49330 49331 49332 49333 49334 49335 49336 49337 49338 49339 49340 49341 49342 49343 49344 49345 49346 49347 49348 49349 49350 49351 49352 49353 49354 49355 49356 49357 49358 49359 49360 49361 49362 49363 49364 49365 49366 49367 49368 49369 49370 49371 49372 49373 49374 49375 49376 49377 49378 49379 49380 49381 49382 49383 49384 49385 49386 49387 49388 49389 49390 49391 49392 49393 49394 49395 49396 49397 49398 49399 49400 49401 49402 49403 49404 49405 49406 49407 49408 49409 49410 49411

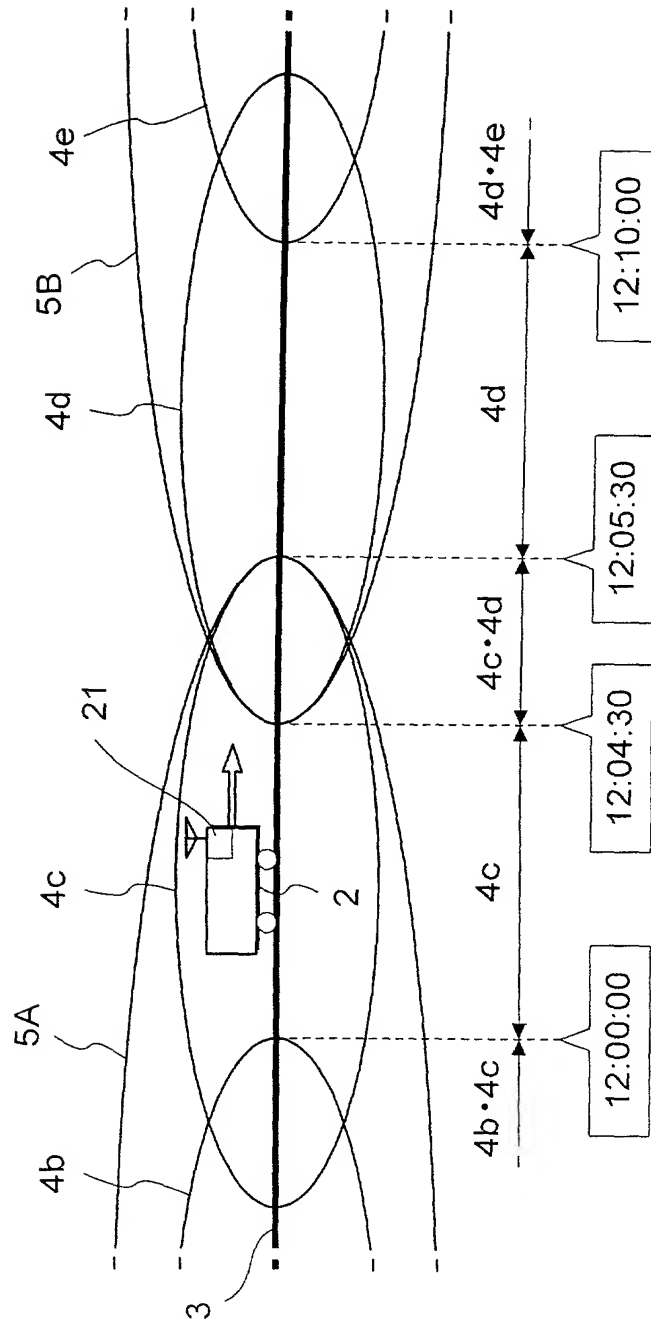
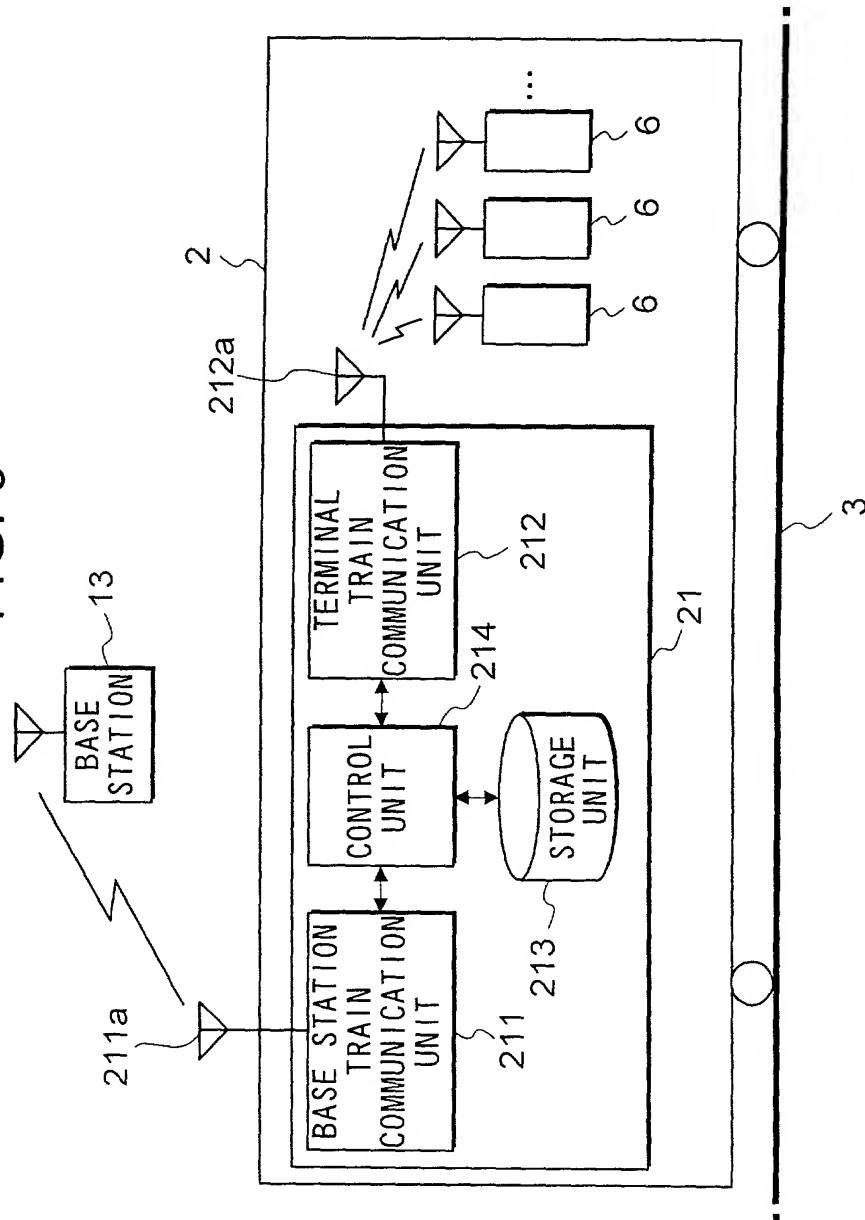


FIG. 3



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FIG. 4

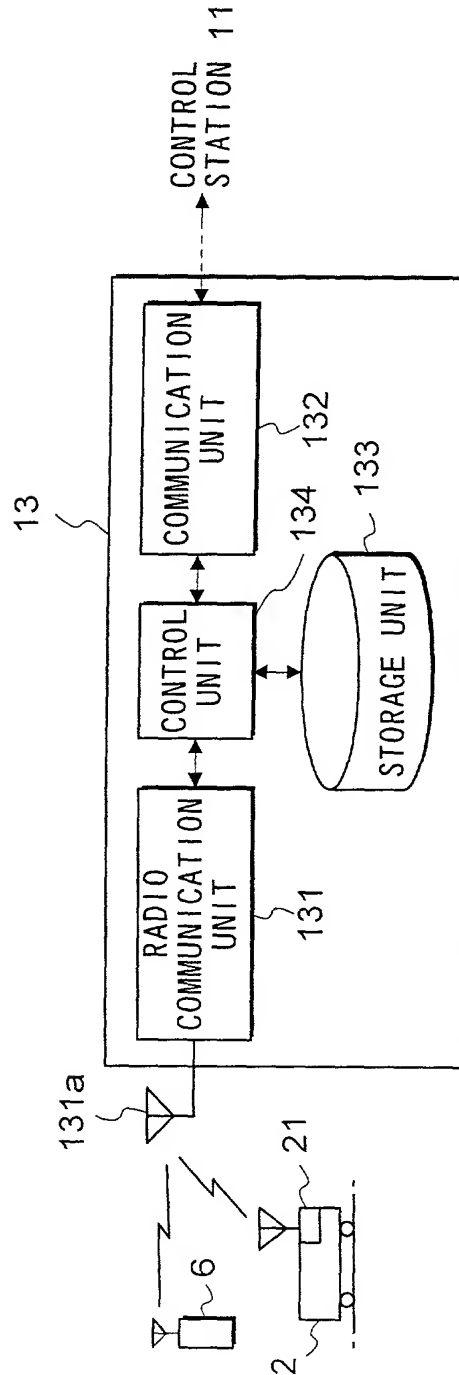


FIG. 5A

BASE STATION TABLE OF BASE STATION 13A

ID NUMBER	SCHEDULED PASS AREA	SCHEDULED PASS TIME
TID-01	BASE STATION AREAS 4b & 4c	... ~12:00:00
	BASE STATION AREA 4c	12:00:00~12:04:30
	BASE STATION AREAS 4c & 4d	12:04:30~12:05:30
⋮	⋮	⋮

FIG. 5B

BASE STATION TABLE OF BASE STATION 13B

ID NUMBER	SCHEDULED PASS AREA	SCHEDULED PASS TIME
TID-01	BASE STATION AREAS 4c & 4d	12:04:30~12:05:30
	BASE STATION AREA 4d	12:05:30~12:10:00
	BASE STATION AREAS 4d & 4e	12:10:00~ ...
⋮	⋮	⋮

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FIG. 6

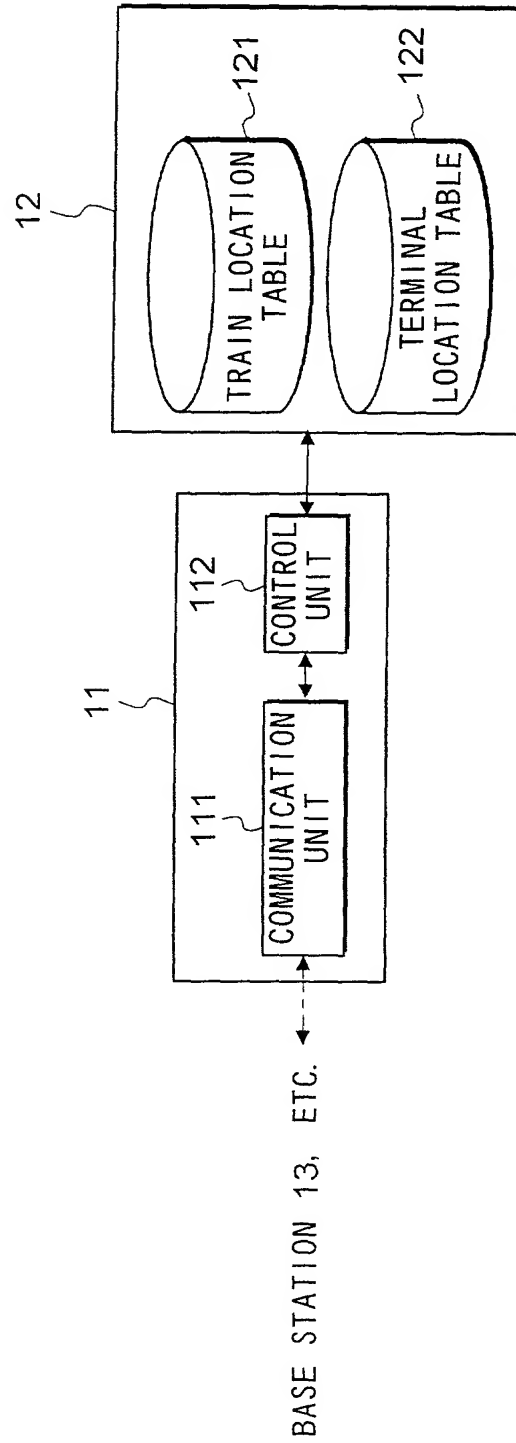


FIG. 7

TRAIN LOCATION TABLE

ID NUMBER	SCHEDULED PASS AREA	SCHEDULED PASS TIME	AUXILIARY PASS AREA
TID-01	:	:	:
	BASE STATION AREA 4c	12:00:00~12:04:30	GENERAL REGISTRATION AREA 5A
	BASE STATION AREAS 4c & 4d	12:04:30~12:05:30	GENERAL REGISTRATION AREAS 5A & 5B
	BASE STATION AREA 4d	12:05:30~12:10:00	GENERAL REGISTRATION AREA 5B
	:	:	:

FIG. 8

TERMINAL LOCATION TABLE

TERMINAL ID NUMBER	TERMINAL PRESENCE AREA
MID-002	GENERAL REGISTRATION AREA 5C
MID-003	<SCHEDULED PASS AREA OF TRAIN (TID-01)>
MID-004	<SCHEDULED PASS AREA OF TRAIN (TID-01)>

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FIG. 9A

12:00:00~12:04:30

TERMINAL ID NUMBER	TERMINAL PRESENCE AREA
MID-002	GENERAL REGISTRATION AREA 5C
MID-003	BASE STATION AREA 4c
MID-004	BASE STATION AREA 4c

FIG. 9B

12:04:30~12:05:30

TERMINAL ID NUMBER	TERMINAL PRESENCE AREA
MID-002	GENERAL REGISTRATION AREA 5C
MID-003	BASE STATION AREAS 4c & 4d
MID-004	BASE STATION AREAS 4c & 4d

FIG. 9C

12:05:30~12:10:00

TERMINAL ID NUMBER	TERMINAL PRESENCE AREA
MID-002	GENERAL REGISTRATION AREA 5C
MID-003	BASE STATION AREA 4d
MID-004	BASE STATION AREA 4d



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FIG. 10

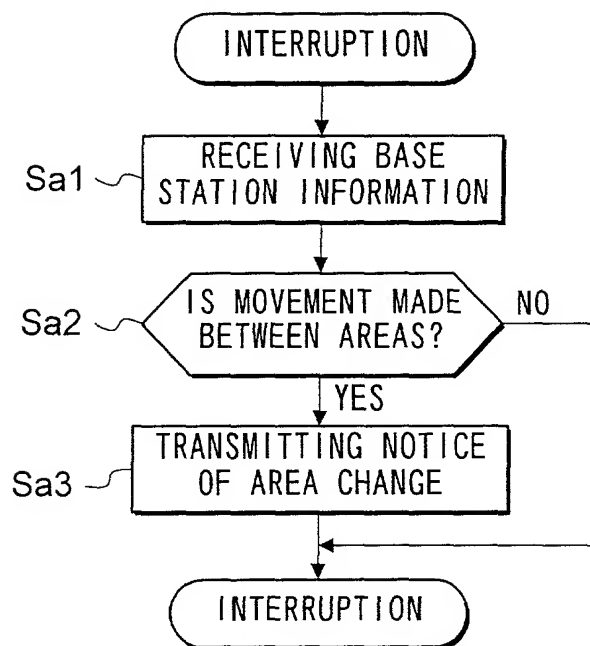
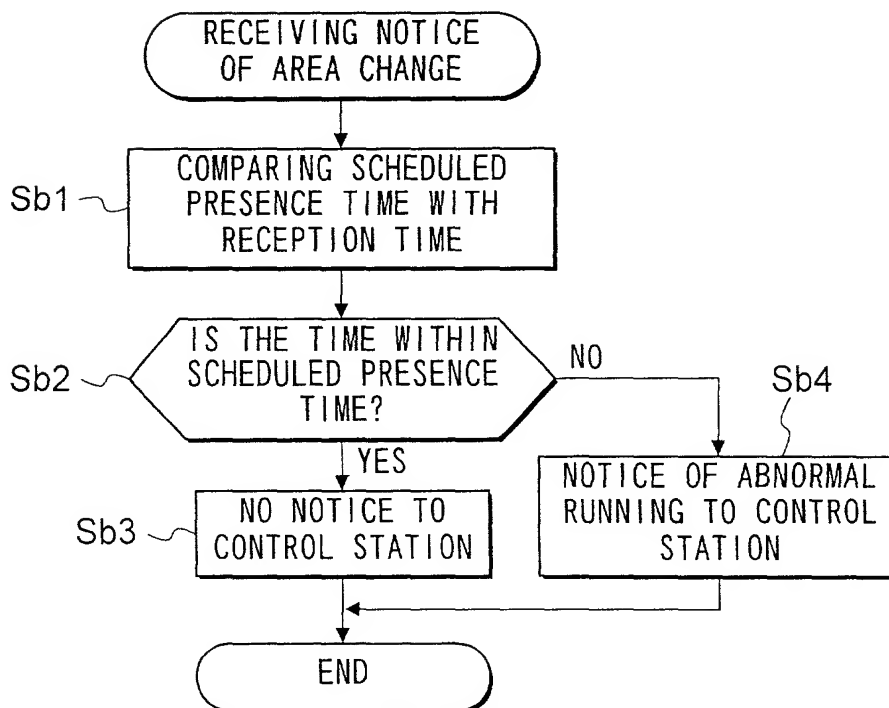


FIG. 11



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FIG. 12

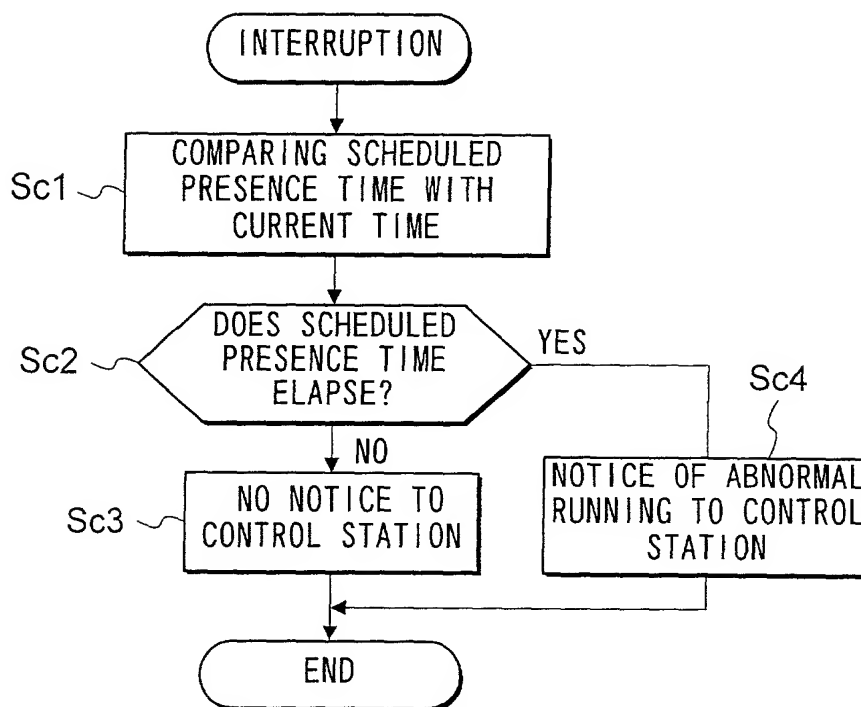


FIG. 13

TERMINAL LOCATION TABLE (WHEN SCHEDULE IS DISRUPTED)

TERMINAL ID NUMBER	TERMINAL PRESENCE AREA
MID-002	GENERAL REGISTRATION AREA 5C
MID-003	GENERAL REGISTRATION AREA 5A
MID-004	GENERAL REGISTRATION AREA 5A